

Recombinant Full Length Human HNRNPH1 Protein, C-Flag-tagged

Cat. No. HNRNPH1-83HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human HNRNPH1 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	This gene encodes a member of a subfamily of ubiquitously expressed heterogeneous nuclear ribonucleoproteins (hnRNPs). The hnRNPs are RNA binding proteins that complex with heterogeneous nuclear RNA. These proteins are associated with pre-mRNAs in the nucleus and appear to influence pre-mRNA processing and other aspects of mRNA metabolism and transport. While all of the hnRNPs are present in the nucleus, some may shuttle between the nucleus and the cytoplasm. The hnRNP proteins have distinct nucleic acid binding properties. The protein encoded by this gene has three repeats of quasi-RRM domains that bind to RNA and is very similar to the family member HNRPF. This gene may be associated with hereditary lymphedema type I. Alternatively spliced transcript variants have been described.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	49 kDa
AA Sequence	MMLGTEGGEGFVVKVRGLPWSCSADEVQRFFSDCKIQNGAQGIRFIYTREGRPSG

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EAFVELESEDEVKLA LKKDRETMGHRYVEVFKSNNVEMDWVLKHTGPNSPDTAND
 GFVRLRGLPFGCSKEEIVQFFSGLEIVPNG ITLPVDFQGRSTGEAFVQFASQEIAEKA
 LKKHKERIGHRYIEIFKSSRAEVRTHYDPPRKLMMQRP GPY DRPGAGRGYNSIGR
 GAGFERMRRGAYGGGYGGYDDYNGYNDGYGFGSDRFRDLNYCFSGMSDHRYG
 DGG STFQSTTGHCVHMRGLPYRATENDIYNFFSPLNPVRVHIEIGPDGRVTGEADV
 EFATHEDAVAAMSKDKA NMQHRYVELFLNSTAGASGGAYEHRYVELFLNSTAGAS
 GGAYGSQMMGGMGLSNQSSYGGPASQQLSGGY
 GGGYGGQSSMSGYDQVLQENSSDFQSNIATRTRPLEQKLISEEDLAANDILDYKDD
 DDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Full Length	Full L.

GENE INFORMATION

Gene Name	HNRNPH1 heterogeneous nuclear ribonucleoprotein H1 [Homo sapiens (human)]
Official Symbol	HNRNPH1
Synonyms	HNRPH; HNRPH1; NEDCDS; hnRNPH

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Gene ID	3187
mRNA Refseq	NM_005520.3
Protein Refseq	NP_005511.1
MIM	601035
UniProt ID	P31943

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